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SEP 10 2002

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)
)
Amendment of Section 73.202(b),) MB Docket No. _____
Table of Allotments,) RM- _____
FM Broadcast Stations)
(Sierra Vista and Corona de Tucson,)
Arizona))

To: Assistant Chief, Audio Division
Media Bureau

PETITION FOR RULE MAKING

Cochise Broadcasting, LLC ("Cochise"), licensee of Station KKYZ, Sierra Vista, Arizona, by its counsel, hereby submits this "Petition for Rule Making" which proposes to delete Channel 269A at Sierra Vista and allot Channel 267C3 at Corona de Tucson, Arizona as its first local service.¹ This proposal can be made consistent with all domestic and Mexican spacing requirements. Cochise hereby states that it will file an application for facilities at Corona de Tucson if the Commission approves the changes to the Table of Allotments, and construct the facilities if its application is granted.

1. The following table lists the changes requested to the Table of Allotments:

City	Channel	
	Existing	Proposed
Sierra Vista, Arizona	269A	-----
Corona de Tucson, Arizona	-----	267C3

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MB 02-231

¹ On June 1, 2001, Cochise filed a petition to delete Channel 269A at Sierra Vista, Arizona and allot Channel 267C3 at St. David, Arizona for use by Station KKYZ. That petition did not receive any response from the Commission. Cochise is submitting a separate pleading withdrawing that petition.

I. Compliance with the Commission's Technical Rules

2. Channel 267C3 can be allotted at 31-57-24 North Latitude, 110-41-38 West Longitude in compliance with the Commission's spacing rules with respect to all existing and proposed domestic allotments and facilities. See Exhibit E1.² From the allotment coordinates, a 70 dBu signal is provided over all of Corona de Tucson. See Exhibit E2. The relocation of KKYZ to Corona de Tucson will result in a net gain of 406,352 persons within the 60 dBu contour of the station. See Exhibit E3. The entire loss area will remain well-served. See Exhibits E4-E5.

3. The proposal is short-spaced with respect to allotments at Agua Prieta and Sasabe, Sonora, Mexico. However, the proposal complies with the US-Mexican treaty by limiting power in the direction of the short-spaced facilities. See Exhibits E6-E7.

II. Change in Community of License

4. Cochise desires to change the community of license of Station KKYZ from Sierra Vista to Corona de Tucson under the guidelines set forth in *Amendment of the Commission's Rules Regarding Modification of FM and TV Authorizations to Specify a New Community of License*, 4 FCC Rcd 3870 (1989), *recon. granted in part*, 5 FCC Rcd 7094 (1990) ("Community of License"). There, the Commission stated that a station may change its community of license without subjecting the licensee to other expressions of interest if (1) the proposed allotment is mutually exclusive with the current allotment; (2) the current community of license will not be deprived of its only local service; and (3) the proposed arrangement of allotments is preferred under the Commission's allotment priorities. These criteria are met here. First, the proposed use of Channel 267C3 at Corona de Tucson is mutually exclusive with the current authorization for

² Exhibit E1 shows a short spacing to Channel 267A at Vail, Arizona. However, in the Report and Order in MM Docket No. 00-31, the Commission declined to allot Channel 267A to Vail.

Channel 269C2 at Sierra Vista. *See* Exhibit E1. Second, Sierra Vista will not be deprived of its only local service because Stations KZMK(FM), KNXN(AM), and KTAN(AM) remain licensed to Sierra Vista.³ Third, the provision of a first local service at Corona de Tucson (2000 U.S. Census population 813) under Priority 3 will result in a preferential arrangement of allotments over the retention of numerous local services at Sierra Vista (2000 U. S. Census population 37,775) under Priority 4. *See Revision of FM Assignment Policies and Procedures*, 90 FCC 2d 88 (1982).

5. Corona de Tucson is a community deserving of a first local service preference. Corona de Tucson is a Census-Designated Place ("CDP") with a 2000 population of 813 persons. Corona de Tucson is located outside of any Urbanized Area, and the station will not place a 70 dBu contour over 50 percent or more of any Urbanized Area. Therefore, this relocation does not implicate the Commission's policy against migration of stations from rural to urban areas.

6. As a CDP, Corona de Tucson is presumed to have the status of a community for allotment purposes. *See Arnold and Columbia, California*, 7 FCC Rcd 6302 (1992). In addition, Corona de Tucson enjoys the attributes that the Commission traditionally associates with a community. Corona de Tucson is an isolated community located within the Santa Rita Foothills area in Pima County, Arizona southeast of Tucson. Initially developed in the early 1960s, Corona de Tucson has remained relatively isolated as the population of the Tucson area has expanded to the northwest of the city. However, the area is expected to be a major growth center during the next several decades. *See* Exhibit A.

7. Corona de Tucson is associated with Zip Code 85641. Police protection is provided through the Corona de Tucson substation of the Pima County Sherriff's Office. Fire

³ In addition, NCE Station KWRB(FM) has filed an application to change its community of license from Bisbee, Arizona to Sierra Vista, File No. BPED-20020515ABA.

protection is provided by the Corona de Tucson Fire Department, which operates independently and is funded by approximately 1500 taxpayers within its 4-square-mile service area. Businesses include Corona Market (grocery store), Corona Plaza, Corona Hay & Feed, Roadrunner Market (convenience store and gas station), Santa Rita Realty, Santa Rita Golf and Country Club, Cut Above, and Anne's Cupboard and Needleworks. Corona de Tucson is located a short distance from the University of Arizona Science and Technology Park, which houses more than 20 high-tech businesses, including Raytheon and IBM. *See Exhibit A.*

8. Religious services are held at the Corona de Tucson Baptist Church. Civic and community organizations include the VFW and the Santa Rita Foothills Community Association. *See Exhibit A.*

WHEREFORE, for the foregoing reasons, the Commission should delete Channel 269A at Sierra Vista, Arizona, and allot Channel 267C3 at Corona de Tucson as that community's first local service. Cochise reiterates that it will file an application for Channel 267C3 at Corona de Tucson if allotted, and construct the facility if its application is granted.

Respectfully submitted,

COCHISE BROADCASTING, LLC

By: 

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(202) 783-8400

Its attorneys

September 10, 200

TECHNICAL ANALYSIS
KKYZ COMMUNITY OF LICENSE CHANGE

Cochise Broadcasting LLC ("Cochise"), permittee of FM Station KKYZ, Sierra Vista, Arizona, proposes to change the Community of License of FM Station KKYZ from Sierra Vista, Arizona to Corona de Tucson, Arizona. KKYZ would change from its current channel 269 Class A to its second adjacent channel 267 as a Class C3. The proposed reference point for KKYZ Channel 267C3 at Corona de Tucson is fully spaced to all domestic allocations and facilities except the mutual exclusivity with the current authorization for KKYZ (BPH-20001023AEO). With regards to the allocations and facilities in Mexico, the proposed facility is short spaced with Channel 267 in Agua Prieta, Sonora, Mexico and Channel 266B in Sasabe, Sonora, Mexico; however, contour protection is provided to those facilities in accordance with the 1992 FM Broadcasting Treaty between the United Mexican States and the United States (the "US/Mexican Treaty"). The following is the technical analysis for the proposal.

1. KKYZ AT CORONA DE TUCSON, ARIZONA

The SPECIAL REFERENCE POINT for KKYZ at Corona de Tucson on Channel 267C3 is located approximately 8 km east of Corona de Tucson and with coordinates of:

31-57-24 N 110-41-38 W

Attached as EXHIBIT E1 is a channel spacing study using the Special Reference Point for KKYZ as a Class C3 FM on Channel 267 at Corona de Tucson, Arizona. Other than mutual exclusivity with KKYZ's authorizations and Cochise's rulemaking proceeding amended hereby, the study shows that the proposal is fully spaced to all existing and proposed domestic allocations and facilities. With regards to the allocations and facilities in Mexico, the proposed facility is short spaced with Channel 267B in Agua Prieta, Sonora, Mexico and Channel 266B in Sasabe, Sonora, Mexico; however, as demonstrated herein, contour protection is provided to those facilities in accordance with the US/Mexican Treaty.

Attached as EXHIBIT E2 is a map depicting the principal community contour of KKYZ operating with maximum Class C3 producing a 23 km circular contour. The map shows that Corona de Tucson, located only 8 kilometers distant, is clearly within the 23 km principal community contour. The map also contains shadowing information which shows that there are no major obstructions between the proposed facility and the community of Corona de Tucson. The geographical coordinates for community of Corona de Tucson are 31-57-28 N and 110-46-02 W.

Attached as EXHIBIT E3 is a gain/loss map showing the proposed 60 dBu coverage area of KKYZ at Corona de Tucson as a Class C3 and the currently licensed 60 dBu coverage area of KKYZ at Sierra Vista. The proposed 60 dBu service area at Corona de Tucson is 4,772 square km with a 2000 population within that area of KKYZ of 467,034 persons. The current licensed

facility of KKYZ has a 60 dBu service area of 1,807 square km with a 2000 population within that area of 60,682 persons.

Attached as EXHIBIT E4 is a map showing the effect of this proposal on white and grey area either served or created. As can be seen neither white nor grey area is created or served by Cochise's proposal.

Attached as EXHIBIT E5 is a tabulation of the aural services in remaining Sierra Vista, Arizona after Cochise's proposal is granted. As can be seen, Sierra Vista will remain well served.

2. INTERNATIONAL TREATIES With respect to international treaties, the proposal is short spaced with Channel 267B at Agua Prieta, Sonora, Mexico and Channel 266B at Sasabe, Sonora, Mexico. The US/Mexican Treaty allows for such short spaced proposals as long as equivalent protection is afforded.

Attached hereto as EXHIBIT E6 is an engineering study, conducted pursuant to the procedures in the US/Mexican Treaty, demonstrating that equivalent protection is provided, with respect to Channel 267B at Agua Prieta, Sonora, Mexico, by the limitation of the proposed facilities of KKYZ to an ERP of 1.2 KW at 30 meters HAAT on the 123.7 degree radial towards the facility at Agua Prieta.

Attached hereto as EXHIBIT E7 is an engineering study, conducted pursuant to the procedures in the US/Mexican Treaty, demonstrating that equivalent protection is provided, with respect to the Channel 266B at Sasabe, Sonora, Mexico, by the limitation of the proposed facilities of KKYZ to an ERP of 2.4 KW at 42 meters HAAT on the 236.2 degree radial towards the facility at Sasabe.

3. SUMMARY

Cochise's proposal at Corona de Tucson provides an increase in service area and persons served and provides Corona de Tucson, Arizona with its First Local Service. The loss area in Sierra Vista, Arizona will continue to be well served and no white or grey area will have been created.

Note: Please note that all predictions of coverage utilized the uniform terrain method with maximum facilities and were made without regard to terrain, actual facilities and protections to Mexico. All exhibits, contours, spacing studies and population estimates were prepared in accordance with FCC rules and regulations using RadioSoft Comstudy software.

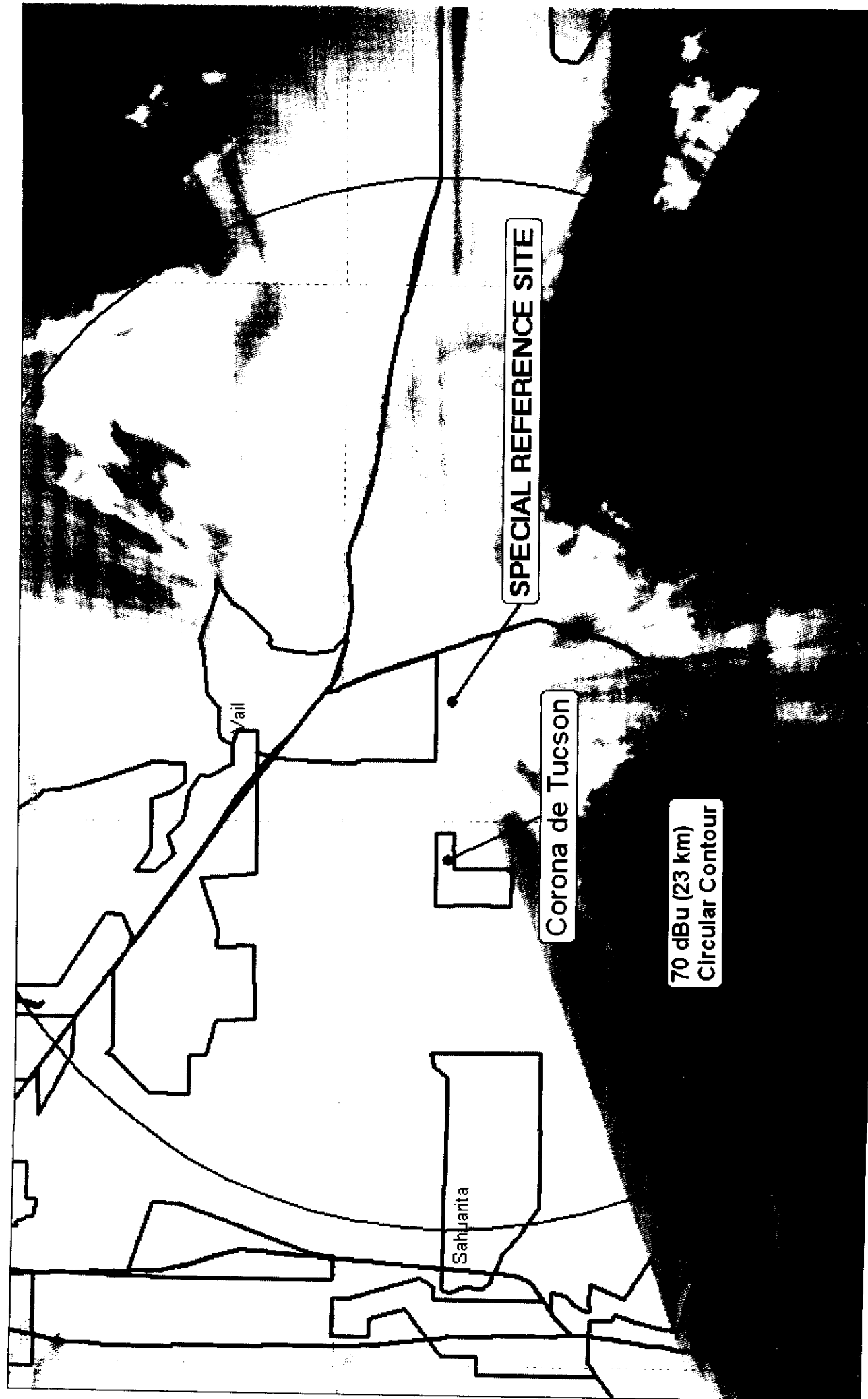
EXHIBIT E1
CHANNEL SPACING STUDY

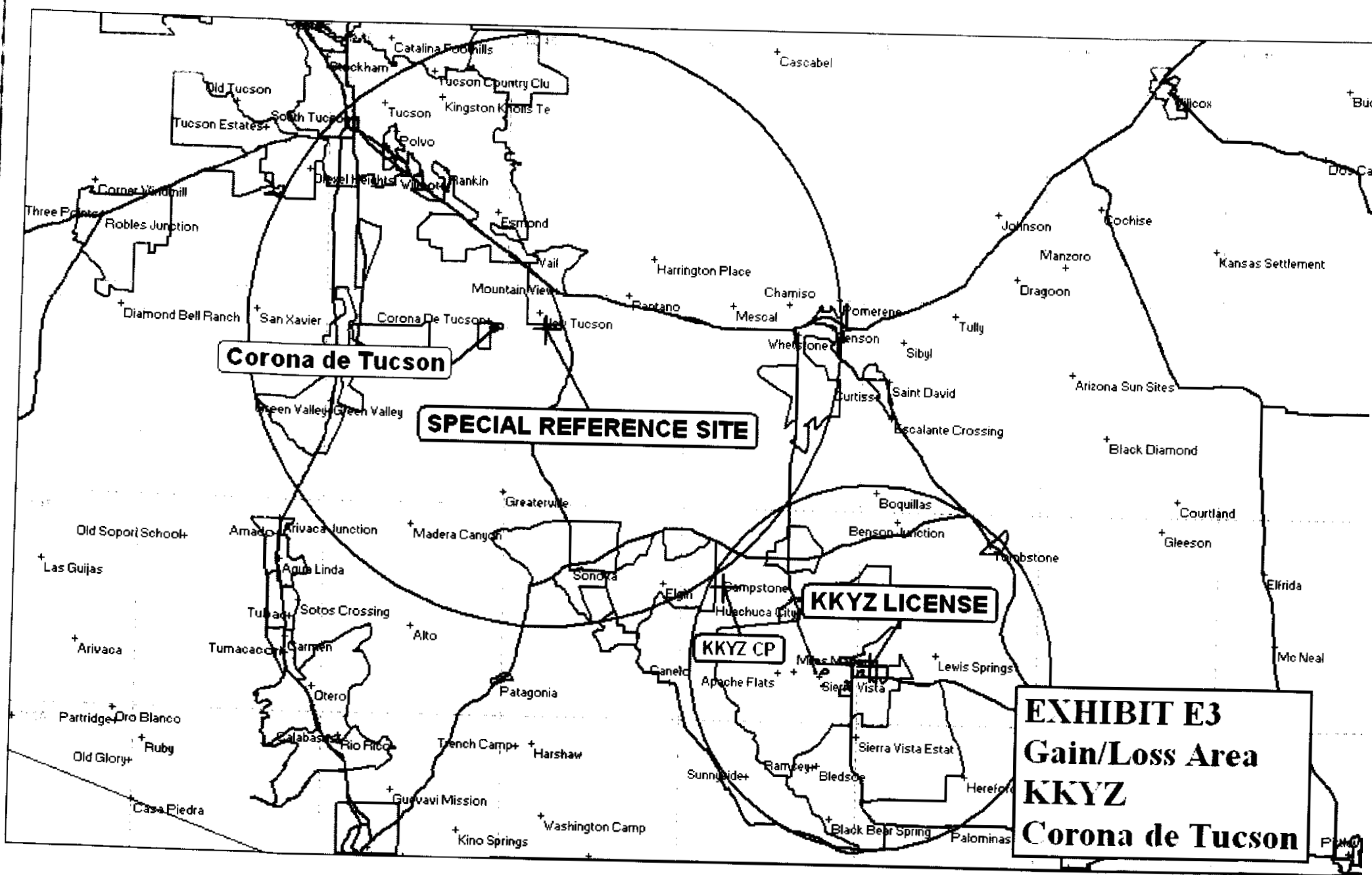
Search of **Channel 267** (101.3 MHz **Class C3**)
at coordinates: **31-57-24.0 N 110-41-38.0 W**

CALL	CITY	ST	CHN	CL	DIST	S	BRNG	CLEARANCE
	VAIL	AZ	267	A	14.59	142	343.5	-127.41
	ST. DAVID	AZ	267	C3	28.72	153	99.6	-124.28
	AGUA PRIETA	SO	267	B	129.46	211	123.7	-81.54
	SASABE	SO	266	B	97.44	145	236.2	-47.56
KKYZ	SIERRA VISTA	AZ	269	C2	41.03	56	144.2	-14.97
KCMT	ORO VALLEY	AZ	270	A	47.97	42	320.6	5.97
KKYZ	SIERRA VISTA	AZ	269	C2	61.51	56	134.7	5.51
970724MS	ORO VALLEY	AZ	270	A	54.55	42	332.1	12.55
KZMK	SIERRA VISTA	AZ	265	A	60.39	42	138.9	18.39
KZMK	SIERRA VISTA	AZ	265	A	60.39	42	138.9	18.39
KKYZ	SIERRA VISTA	AZ	269	A	61.51	42	134.7	19.51
KKYZ	SIERRA VISTA	AZ	269	A	61.51	42	134.7	19.51
	SIERRA VISTA	AZ	269	A	61.51	42	134.7	19.51
KUAT-FM	TUCSON	AZ	213	C	50.89	31	357.8	19.89
	SASABE	SO	270	B	97.44	77	236.2	20.44
KZON	PHOENIX	AZ	268	C	199.32	176	320.4	23.32
KZON	PHOENIX	AZ	268	C	199.32	176	320.4	23.32
	ALTAR	SO	268	B	176.90	145	218.7	31.90
	COLONIA REFORMA	SO	267	A	184.73	138	262.2	46.73

NOTE: Channel 267 at Vail was proposed in MM Docket 00-31; however, the Commission declined to allot the channel and it still appears in the Commission's database.

CALL	CITY	LOW POWER/TRANSLATOR			S	BRNG	CLEARANCE	
		ST	CHN	CL				DIST
NEW	TUCSON	AZ	266	LP	29.68	67	309.9	-37.32
NEW	TUCSON	AZ	264	LP	29.68	40	309.9	-10.32
NEW	TUCSON	AZ	264	LP	30.99	40	316.6	-9.01
NEW	TUCSON	AZ	264	LP	30.04	40	330.3	-9.96
NEW	TUCSON	AZ	264	LP	36.64	40	315.6	-3.36
NEW	TUCSON	AZ	264	LP	38.78	40	321.2	-1.22
NEW	MARANA	AZ	265	LP	74.05	40	319.0	34.05
K269CY	TUCSON	AZ	269	D	50.86	0	357.7	50.86
K267AF	TUCSON	AZ	267	D	51.32	0	309.4	51.32
K265CW	TUCSON	AZ	265	D	54.37	0	350.8	54.37
K265CW	TUCSON	AZ	265	D	54.39	0	351.2	54.39





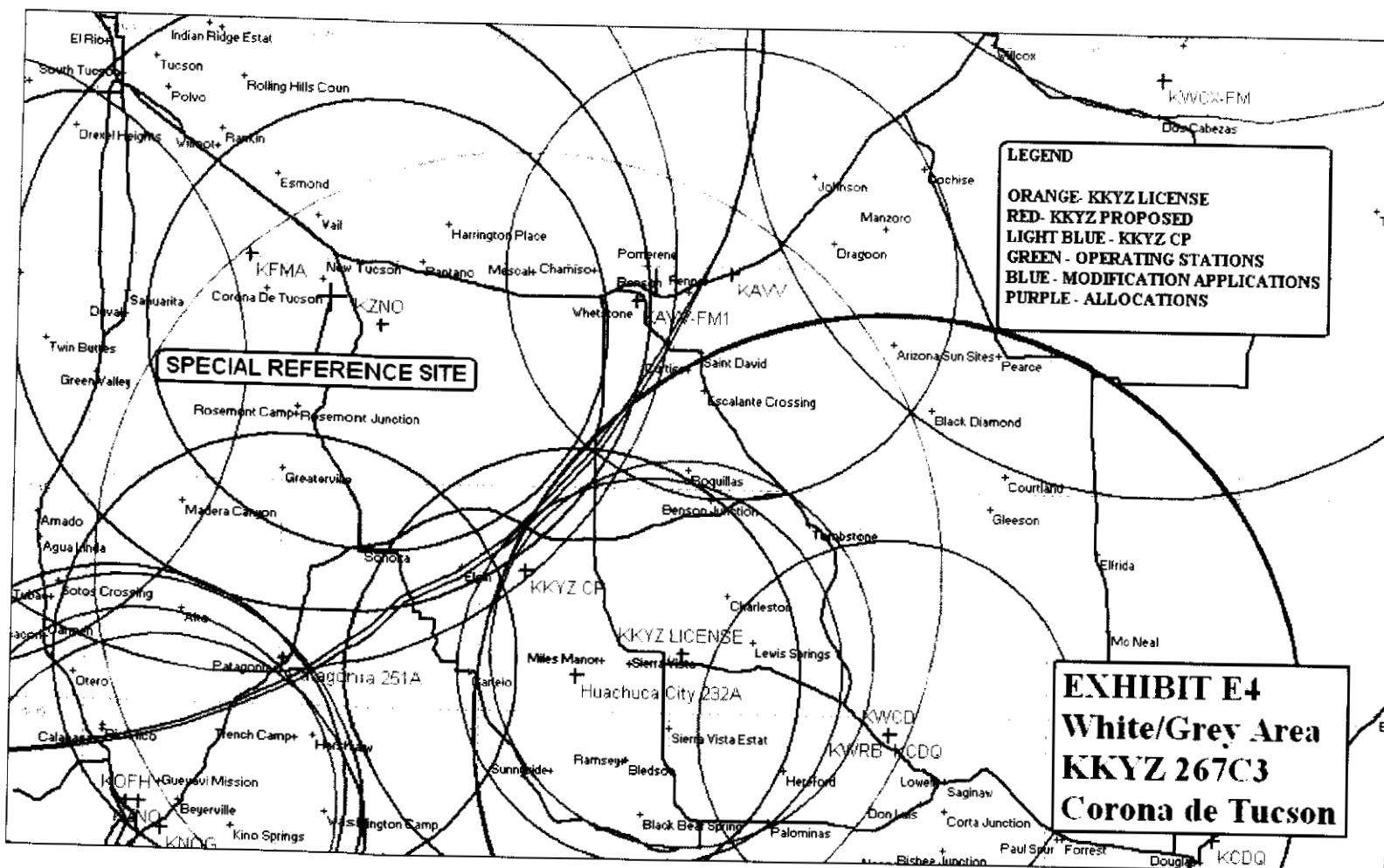


EXHIBIT E5
REMAINING SERVICES

The following is a tabulation of the aural services in remaining Sierra Vista, Arizona after Cochise's proposal is adopted. As can be seen, Sierra Vista will remain well served.

LICENSED TO SIERRA VISTA

KZMK FM	SIERRA VISTA	LICENSED
KNXN AM	SIERRA VISTA	LICENSED
KTAN	AM SIERRA VISTA	LICENSED
KWRB FM	SIERRA VISTA	APPLICATION

RECEPTION SERVICE IN SIERRA VISTA

KCDQ FM	DOUGLAS	APPLICATION
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ALLOCATIONS ENCOMPASSING SIERRA VISTA

HUACHUCA CITY	CHANNEL 232A	ALLOCATION
TOMBSTONE	CHANNEL 237C	RULE MAKING

Please note that all predictions of coverage utilized the uniform terrain method with maximum facilities and were made without regard to terrain, actual facilities and protections to Mexico.

EXHIBIT E6
TRANSMITTER SITE
CONTOUR PROTECTION WITH
AGUA PRIETA, SONORA, MEXICO
KKYZ CHANNEL 267C3
CORONA DE TUCSON, ARIZONA
SEPTEMBER 3, 2002

PROPOSED

FACILITY

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COMMUNITY          : CORONA DE TUCSON, ARIZONA
CHANNEL            : 267
CALL               : KKYZ
CLASS              : C3 (25 KW @ 100 M HAAT)
INTERNATIONAL      : B
COORDINATES        : 31-57-24 110-41-38
RADIATING CENTER   : 1247.6 METERS (100 M HAAT)
AZIMUTH TO PROTECTED FACILITY: 123.7 DEGREES
RADIALS STANDARD   : 90.0 HAAT: 88.0 M
                   : 135.0 HAAT: -76.0 M
INTERPOLATED       : 123.7 HAAT: -34.8 M (30 METERS USED)
RESTRICTED POWER   : 1.200 KW AT 30 METERS (123.7 RADIAL)
RELATIONSHIP        : CO-CHANNEL
INTERFERING CONTOUR : 34 DBU (50,10)
DISTANCE TO INTERFERING CONTOUR: 63.0 KM

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PROTECTED ALLOCATION AT AGUA PRIETA, SONORA, MEXICO

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COMMUNITY      : AGUA PRIETA, SONORA
CHANNEL        : 267
CALL          : ALLOCATION
CLASS         : B
COORDINATES    : 31-18-24 109-33-37
RADIATING CENTER : 1424.5 M (150 M HAAT)
MAXIMUM ERP    : 50 KW
PROTECTED CONTOUR: 54 DBU (50,50)
DISTANCE TO PROTECTED CONTOUR : 65.0 KM (MAXIMUM)

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SUMMARY

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DISTANCE TO PROTECTED CONTOUR-AGUA PRIETA:  65.0 KM
DISTANCE TO RESTRICTED CONTOUR-KKYZ       :  63.0 KM
TOTAL DISTANCE RESTRICTED PLUS PROTECTED  : 128.0 KM
ACTUAL SPACING                             : 129.5 KM

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CLEARANCE 1.5 KM

NO OVERLAP OF PROTECTED AND INTERFERING CONTOUR

EXHIBIT E7
TRANSMITTER SITE
CONTOUR PROTECTION WITH
SASABE, SONORA, MEXICO
KKYZ CHANNEL 267C3
CORONA DE TUCSON, ARIZONA
SEPTEMBER 3, 2002

PROPOSED

FACILITY

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COMMUNITY          : CORONA DE TUCSON, ARIZONA
CHANNEL            : 267
CALL               : KKYZ
CLASS              : C3 (25 KW @ 100 M HAAT)
INTERNATIONAL      : B
COORDINATES        : 31-57-24 110-41-37
RADIATING CENTER   : 1247.6 METERS (100 M HAAT)
AZIMUTH TO PROTECTED FACILITY: 236.2 DEGREES
RADIALS STANDARD   : 225.0 HAAT: -30.1 M
                   : 270.0 HAAT: 259.3 M
INTERPOLATED       : 236.2 HAAT: 42.0 M
RESTRICTED POWER   : 2.4 KW AT 42.0 METERS (236.2 RADIAL)
RELATIONSHIP        : 1ST ADJACENT CHANNEL
INTERFERING CONTOUR : 48 DBU (50,10)
DISTANCE TO INTERFERING CONTOUR: 31.4 KM

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PROTECTED ALLOCATION AT SASABE, SONORA, MEXICO

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COMMUNITY      : SASABE, SONORA
CHANNEL        : 266
CALL           : ALLOCATION
CLASS          : B
COORDINATES    : 31-28-00 111-32-50
RADIATING CENTER : 1220.4 M (150 M HAAT)
MAXIMUM ERP    : 50 KW
PROTECTED CONTOUR: 54 DBU (50,50)
DISTANCE TO PROTECTED CONTOUR : 65.0 KM (MAXIMUM)

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SUMMARY

DISTANCE TO PROTECTED CONTOUR-SASABE	:	65.0 KM
DISTANCE TO RESTRICTED CONTOUR-KKYZ	:	31.4 KM
TOTAL DISTANCE RESTRICTED PLUS PROTECTED	:	96.4 KM
ACTUAL SPACING	:	97.4 KM

CLEARANCE 1.0 KM
NO OVERLAP OF PROTECTED AND INTERFERING CONTOUR

ENGINEER CERTIFICATION

I, Ted Tucker, do hereby certify that I personally prepared the foregoing technical analysis for Cochise Broadcasting LLC and that I am qualified to do so.

My qualification as an FM engineer are a matter of record with the Commission. I have personally prepared and submitted nearly 100 applications, amendments, petitions, rulemaking proceedings, comments, replies, Special Temporary Authorizations, and other filings including domestic and international short spacing studies. I have personally installed and constructed numerous FM Stations, FM Translator Stations, Studio Transmitter Links, Low Power Televisions Stations and auxiliary transmitters. Many of these installations involved directional antenna systems.

I hold a valid General Class Radio Telephone License (formerly First Class) and have a Bachelor of Science degree from the University of Arizona.

Date: September 9, 2002

By: _____


Ted Tucker

City State / ZIP Code Associations

To find the ZIP Code for a mailing address, check out our [ZIP+4 Code Lookup](#).
[Questions and Comments](#) | [Return to ZIP Code Lookup and Address Information](#)

CORONA DE TUCSON AZ

is associated with the
following ZIP Codes:

For these ZIP Codes,
the city name is:

ZIP Code
Type

85641

ACCEPTABLE

STANDARD

Version 5.0 Database 08/2002

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U.S. Census Bureau

American FactFinder

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DP-1. Profile of General Demographic Characteristics: 2000
 Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
 Geographic Area: **Corona de Tucson CDP, Arizona**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see
<http://factfinder.census.gov/home/en/datanotes/expsf1u.htm>.

Subject	Number	Percent
Total population	813	100.0
SEX AND AGE		
Male	389	47.8
Female	424	52.2
Under 5 years	27	3.3
5 to 9 years	26	3.2
10 to 14 years	35	4.3
15 to 19 years	35	4.3
20 to 24 years	23	2.8
25 to 34 years	50	6.2
35 to 44 years	108	13.3
45 to 54 years	177	21.8
55 to 59 years	67	8.2
60 to 64 years	70	8.6
65 to 74 years	113	13.9
75 to 84 years	66	8.1
85 years and over	16	2.0
Median age (years)	51.2	(X)
18 years and over	700	86.1
Male	335	41.2
Female	365	44.9
21 years and over	685	84.3
62 years and over	235	28.9
65 years and over	195	24.0
Male	92	11.3
Female	103	12.7
RACE		
One race	797	98.0
White	774	95.2
Black or African American	2	0.2
American Indian and Alaska Native	3	0.4
Asian	3	0.4
Asian Indian	0	0.0
Chinese	1	0.1
Filipino	1	0.1
Japanese	0	0.0
Korean	1	0.1
Vietnamese	0	0.0
Other Asian ¹	0	0.0
Native Hawaiian and Other Pacific Islander	1	0.1
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander ²	1	0.1

Subject	Number	Percent
Some other race	14	1.7
Two or more races	16	2.0
Race alone or in combination with one or more other races ³		
White	790	97.2
Black or African American	4	0.5
American Indian and Alaska Native	7	0.9
Asian	8	1.0
Native Hawaiian and Other Pacific Islander	1	0.1
Some other race	19	2.3
HISPANIC OR LATINO AND RACE		
Total population	813	100.0
Hispanic or Latino (of any race)	55	6.8
Mexican	36	4.4
Puerto Rican	1	0.1
Cuban	5	0.6
Other Hispanic or Latino	13	1.6
Not Hispanic or Latino	758	93.2
White alone	738	90.8
RELATIONSHIP		
Total population	813	100.0
In households	813	100.0
Householder	376	46.2
Spouse	256	31.5
Child	140	17.2
Own child under 18 years	103	12.7
Other relatives	21	2.6
Under 18 years	9	1.1
Nonrelatives	20	2.5
Unmarried partner	14	1.7
In group quarters	0	0.0
Institutionalized population	0	0.0
Noninstitutionalized population	0	0.0
HOUSEHOLDS BY TYPE		
Total households	376	100.0
Family households (families)	281	74.7
With own children under 18 years	67	17.8
Married-couple family	256	68.1
With own children under 18 years	56	14.9
Female householder, no husband present	16	4.3
With own children under 18 years	8	2.1
Nonfamily households	95	25.3
Householder living alone	80	21.3
Householder 65 years and over	32	8.5
Households with individuals under 18 years	75	19.9
Households with individuals 65 years and over	129	34.3
Average household size	2.16	(X)
Average family size	2.48	(X)
HOUSING OCCUPANCY		
Total housing units	395	100.0
Occupied housing units	376	95.2
Vacant housing units	19	4.8
For seasonal, recreational, or occasional use	8	2.0
Homeowner vacancy rate (percent)	0.9	(X)
Rental vacancy rate (percent)	3.0	(X)

Subject	Number	Percent
HOUSING TENURE		
Occupied housing units	376	100.0
Owner-occupied housing units	344	91.5
Renter-occupied housing units	32	8.5
Average household size of owner-occupied unit	2.15	(X)
Average household size of renter-occupied unit	2.25	(X)

(X) Not applicable

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

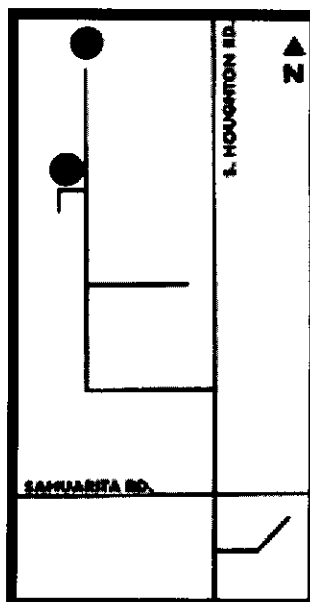
³ In combination with one or more other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000 Summary File 1, Matrices P1, P3, P4, P8, P9, P12, P13, P17, P18, P19, P20, P23, P27, P28, P33, PCT5, PCT8, PCT11, PCT15, H1, H3, H4, H5, H11, and H12.

**DURING 1999, TUCSON WATER
ENSURED THAT YOUR DRINKING
WATER MET ALL UNITED STATES
ENVIRONMENTAL PROTECTION
AGENCY AND STATE**

DRINKING WATER STANDARDS

Tucson Water is pleased to provide you with this Annual Water Quality Report, which contains important information about the quality of the drinking water that we deliver to you. The format for this report follows the guidelines set by the United States Environmental Protection Agency (USEPA) as part of the Safe Drinking Water Act. The USEPA requires all public water providers to deliver this information to all customers on an annual basis. This report tells you where your water comes from, what our test results are, and other things you should know about drinking water.



1999 ANNUAL WA

WATER TREATME

CORO

CORONA DE TUCSON OVERVIEW

Corona De Tucson is a community located near Sahuarita and Houghton Roads, with 547 services supplying about 1641 persons with water from two wells, H-001A and H-002A.

WHAT CONTAMINANTS HAVE BEEN DETECTED IN OUR DRINKING WATER?

Tucson Water regularly samples the drinking water that is delivered to you.

The below table lists all contaminants that were detected in the required samplings conducted in the year 1998 and 1999. It is important to remember that the detection of a contaminant in drinking water does not necessarily represent a threat to public health. Current technology allows water

utilities to detect extremely low levels of contaminants in drinking water. A detected result means a concentration that is above the minimum value that can be measured by the laboratory.

In most cases, the minimum detectable level of a contaminant is well below the USEPA regulatory limit for that contaminant. To compare the detected amount with the

amount allowed by the USEPA, refer to the Maximum Contaminant Level (MCL) column in the table. (Because the vast majority of regulated contaminants were not detectable in drinking water delivered by Tucson Water, the non-detected results were not included in this table. For a complete list of all USEPA regulated contaminants contact the USEPA at 1-800-426-4791 or visit the USEPA website at

www.epa.gov/ogwdgs/ot/apppa.html)

CONTAMINANTS DETECTED IN REQUIRED DRINKING WATER SAMPLES

Drinking Water Contaminants						
Arsenic	ppb	50	NA	4.3	none	Erosion of natural deposits.
Barium	ppm	2	2	0.01	none	Erosion of natural deposits.
Fluoride	ppm	4	4	0.35	none	Erosion of natural deposits.
Nitrate	ppm	10	10	1.5	1.5	Natural deposits, septic tanks, agriculture, sewage.
Drinking Water Contaminants						
Alpha emitters	pCi/L	15	0	3	none	Erosion of natural deposits.
Bromoform	ppb	80	0	1.2	none	Disinfection by-products
Chlorodibromomethane	ppb	80	0	0.8	none	
Drinking Water Contaminants						
Lead	ppb	15	0 of 10	0	2.7	Corrosion of household plumbing.
Copper	ppm	1.3	0 of 10	1.3	0.17	Corrosion of household plumbing.

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February 13, 2001


Neighbors
 Community Survey

Rating of fire departments affects home insurer rates

By Rob Bailey
 ARIZONA DAILY STAR

A one-to-10 rating scale for fire departments can affect Southeast Side homeowners' insurance rates.

Departments are rated by the New York City-based Insurance Services Organization. The nationally recognized system rates water supply, dispatch method and sufficient access to hydrants, hose, ladders, trucks and manpower.

An ISO rating of 10 is the worst, one is the best. The Corona de Tucson Fire Department is currently rated a seven.

A daunting assignment



Ben Kirkby / Staff
 Corona de Tucson firefighter Rich Carreon, right, and Fire Chief Bruce Whitehouse extinguish a purposely set brush fire.

Corona de Tucson operates the 'only fire department in no man's land'

By Rob Bailey
 THE ARIZONA DAILY STAR

Corona de Tucson firefighters have a motto: "We're doing the best we can with what we've got."

There are specific challenges to being the "only fire department in no man's land," said Rick Zuber, assistant chief of the Corona de Tucson Fire Department. Understaffing, wildcat housing and a response area almost as big as metro Tucson all work against the district, he said.

Neighbor Briefing

Town hall n

The Vail School board is seeking parents and community members at a town hall meeting on the district's inner-city academics.

The first will be on Thursday at the Vail Elementary School. The Esmond Loomis meeting will be on Monday at the Coronado School, 1329 Cave Road. The meeting will discuss what the district is doing to help AIMS tests, to help and help schools best students, with the breadth of

Transportation

The Pima Association of Government Transportation Open House is scheduled for March 14 at the Course Club Alvernon Way.

The primary meeting is to see the city's transportation

"We're working on getting it lowered, but it's hard," said Bruce Whitehouse, the department's fire chief. "We have budget constraints (\$240,000 per year), and it takes a lot of money to get more equipment and manpower. Sure, other departments can do better, but they have more."

A rating of seven is average, Whitehouse said. Representatives of several Tucson insurance companies agreed.

Shelley Garza, a licensed insurance sales agent practicing in Tucson, said the ratings truly get expensive only at a rating of nine or above.

For example, Garza lives in a 1,900-square-foot home within the Corona de Tucson fire district. Under the seven rating, she pays \$568 for homeowners insurance coverage. That amount covers \$124,000 for the home, \$93,000 for personal property and \$12,000 for other structures, such as sheds. The yearly fee also covers \$100,000 in liability and \$1,000 in medical expenses.

Even with a two rating, Garza said she would still be paying \$527. A rating of nine, however, would result in a \$746 yearly rate.

Contract subscribers outside of a fire district, as most wildcat subdivisions are, automatically rate a class nine or 10.

To receive homeowners insurance coverage, they must become fire service subscribers, Garza said.

The department consists of four paid firefighters, only two of whom are on duty at a time, and a roster of 20 volunteers. Full-timers do double duty as paramedics.

Corona de Tucson's actual fire district extends 4 square miles and is funded by its population of about 1,500 taxpayers. Additional service is provided on a billable basis to an expansive 300-square-mile response area outside the district. Out of 578 calls in 2000 for fires and medical emergencies, only 154 fell within the district, Zuber said.

Most of the nondistrict calls stem from wildcat subdivisions. The maze of dirt roads and dead ends leading to these unregulated areas hampers response times, firefighters said.

"If the road is marked, the response time could be eight minutes," said Doug Roth, a full-time firefighter for Corona de Tucson. "If it's not, we have to go search. We know we're in the general area, but it could take up to 20 minutes to find them. That could make the difference in a cardiac arrest."

County Administrator Chuck Huckelberry said he is sympathetic to fire districts serving wildcat developments, where water mains are grossly undersized.

"They're put in hit-and-miss, with no storage, so water for firefighting is almost nonexistent," Huckelberry said. "You can't put out a fire with one inch of water. Some have no running water or plumbing at all."

Wildcat service leads to a mountain of expenses for small districts such as Corona de Tucson, Huckelberry said. They often must invest thousands of dollars in water tankers to serve them, and unpaved roads impose undue wear and tear on fire vehicles.

And there is also the matter of getting paid.

Fees for outlying subscribers are figured with the method Pima County assessors use to charge taxpayers for fire service. It's based on the value of home and property, and cannot exceed \$3 per \$100 assessed property value. Corona de Tucson charges \$2.47 per \$100 assessed property value.

For nonsubscribers, fees are about \$60 per hour per man on call. Fire vehicle charges run from \$700 to \$850.

Huckelberry said wildcat homeowners often refuse to pay legitimate fees, which results in higher taxes for district residents. Bruce Whitehouse, Corona de Tucson's fire chief, said he doesn't want to discourage people from calling 911 but added, "We can't afford to

program and projects and going to be for the next five years.

With \$800 in transportation planned, PAI the public comment. On jurisdictions exhibits concerning transit system paths, travel pooling and programs.

Call 792-105 Melaney Sea director of participation passes to the

Neighbor

QUESTION
experiences with your fire. Are their responses quick, are they you need the close are the

* Tell us - are neighbors - the Arizona Daily East Neighbor RuthAnn Ho Editor, P.O. Tucson, AZ 573-4140 (for townq@azst.

Responses will future Neighbor. Include your the name of neighborhood

"It depends on the age of the home, how far away it is from the district and if they have a hydrant nearby," said Garza, who has lived in Corona de Tucson for five years. "Being 15 miles away with no hydrant, that's when your rates are going to go up."

do it for free. Not when our taxpayers are paying for it. That's not fair."

Whitehouse said the situation is a catch-22 because most volunteers have other jobs and live out of town.

"There isn't anybody else out here, so somebody's got to go deal with this," Whitehouse said. "The only way we can do it is if we have someone to man the station while we go take care of another area. When you have such short manpower, it puts that much more of a burden on you."

Plus, "The lion's share of volunteers live 25 miles away in Vail or Tucson, so far away that by the time they get there, the fire is 45 minutes old," Zuber said.

To pick up the slack, the department depends on mutual-aid agreements with the Rural/Metro and Rincon Valley Fire Departments. Under the agreement, Corona de Tucson receives and provides backup services at no cost. As Rural/Metro's District Chief George Good puts it: "We don't pay each other, we just help each other."

Whitehouse said residents in the Corona de Tucson fire district have no complaints.

"This town is little, so we've personally been involved into a lot of their lives," Whitehouse said. "If somebody has a heart attack or stroke, our being here is something they appreciate."

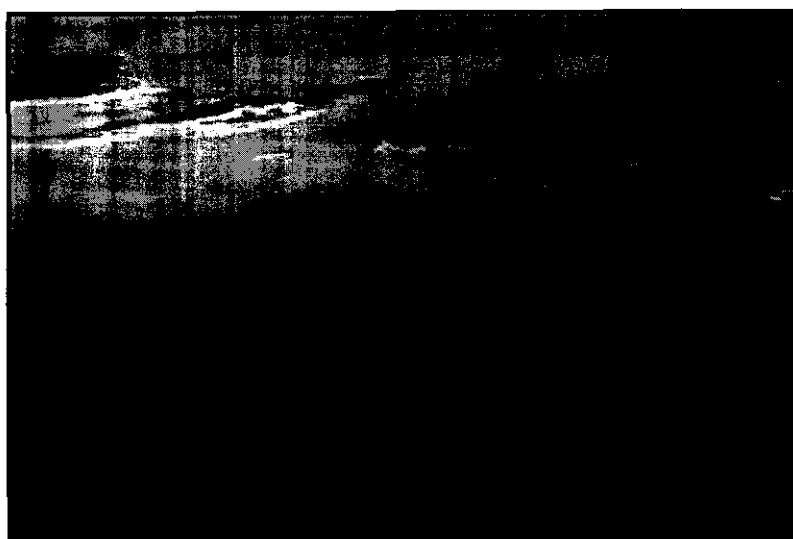
Just ask 58-year-old Monica Serventi, a 10-year resident of Corona de Tucson. Last year, her husband needed help.

"He had a herniated disk and was paralyzed with pain, so I called the fire department and they were there within five minutes," Serventi said. "We had service as if we lived in Tucson. They are very professional, very polite."

But don't label the department heroic for covering more ground with fewer resources than other fire departments.

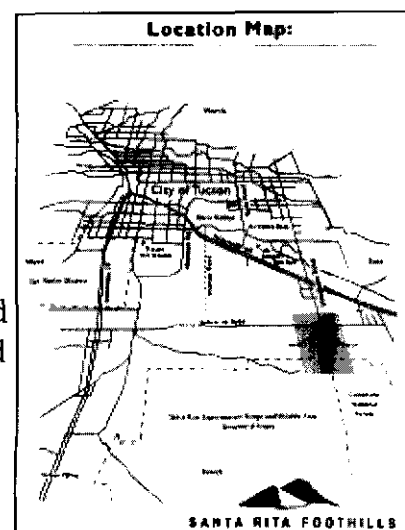
"We don't do anything that anybody else doesn't do, and we're all in this together," Whitehouse said. "Our focus is saving lives and property."

** Contact Rob Bailey at 573-4105 or at rwbailey@azstarnet.com*


[Home](#)
[Santa Rita Foothills](#)
[Urban Village Article](#)
[Willow Springs](#)


The Remington Group is developing 2,400 acres for a total of approximately 1500 residential units in the Santa Rita Foothills. Planning or development is currently being undertaken for Sycamore Springs, Sycamore Creek, Sycamore Hills and Santa Rita Mountain Ranch.

In street and city maps this area is commonly referred to as "Corona de Tucson". This existing neighborhood was initially developed in the early 1960's. It comprises a small proportion of the area that is becoming known as the Santa Rita Foothills.



In the '80s and '90s the greatest growth in Tucson took place in a Northwesterly direction from the city center. The Southeast

area is now considered to be the new growth area for the late '90s and early '00s. The area's population is expected to almost triple in 25 years, from roughly 59,000 to 150,000, according to the Pima Association of Governments. The University of Arizona Science and Technology Park located between Kolb and Houghton Roads and fronting on I-10 is the Southeast Side's largest employer. More than 20 high-tech businesses, including Raytheon's Systems Company and IBM, employ about 6,000 workers at the park. The park has room to expand, with only 340 of the 1,340 acres developed.

The park projects employment of 25,000 to 35,000 people within 25 years. The Santa Rita Foothills area encompasses approximately 15,000 acres located at the south end of Houghton Road. It is surrounded by thousands of acres of Arizona State land. It enjoys some of the cleanest air in Pima County. Elevation ranges from 3,000 to 4,000 feet. It is accessible from I-10 and is within 10 minutes of the University of Arizona Science and Technology Center, 20 minutes from the Tucson International Airport, and 25 minutes from downtown Tucson. The Santa Rita Mountain range comprises its Southern boundary.



The Sycamore Communities

Sycamore Springs is the first project in the area. It covers approximately 266 acres. All available inventory has been sold, including a gated forty-seven, 2+ acre lot subdivision to Canoa Homes, a well-known Tucson residential builder.

Sycamore Creek, contiguous to Sycamore Springs on its Eastern boundary, is a seventeen 2+-acre lot custom home gated subdivision. Two custom home builders, Ducati Development and Custom by Design have acquired these lots.

[Click here for information flyer](#) (Large file - 900Kb pdf)

Sycamore Hills, contiguous to Sycamore Springs on its Western boundary, is a 67 2+ acre lot subdivision currently under planning and engineering. A subdivision plat can be completed and approved by Pima County and improvements will be started in the fourth quarter of 2002.

Santa Rita Mountain Ranch

The Santa Rita Mountain Ranch Master Planned Community is located in the Santa Rita Foothills adjacent to public lands giving it a desert country ambiance; minutes from Interstate 10 and within easy access to Tucson's downtown and major

destinations. It is adjacent to the Sycamore Communities which have been developed as Conservation Subdivisions.

The subject property is located southeast of the City of Tucson and west of the community of Corona de Tucson in Eastern Pima County, Arizona. It is approximately twenty-six miles from downtown Tucson, ten miles east of the Town of Sahuarita, and nine miles south of Interstate 10. Tucson International Airport is located approximately seventeen miles to the northwest.

In April 2002, the Pima County Board of Supervisors approved the Santa Rita Mountain Ranch Specific Plan. It is a regulatory plan which will serve as the zoning for the subject property with approximately 1320 units on 1598 acres. The Specific Plan also allows for a mix of open space, residential and commercial uses.

Within the core of the development is the Village Center comprised of uses such as a market, specialty retail, cafes, offices, farmers' market, flower market, central post office boxes, a community park, and residential live/work units.

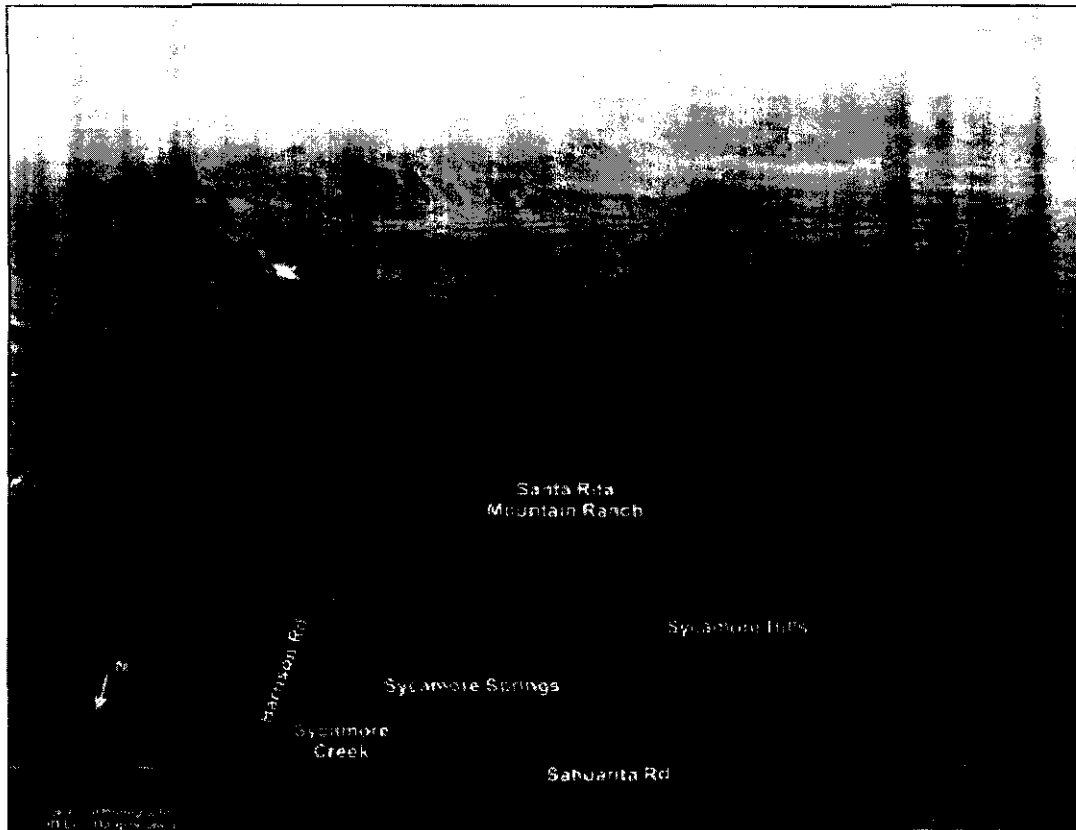
The Santa Rita Mountain Ranch development includes pathways, recreation and landscape guidelines. Approximately 70% of the total area will be left as open space. The total number of residences allowed within a planning area or subdivision, expressed as residences per acres, does not necessarily represent lot size. For example, a one residence per acre designation is one home per acre gross density, but could be a net density of 12,000 to 15,000 square foot lots with the remaining area as open space.

Because of the value placed on this rare scenic area north of the Santa Rita Mountains, the Specific Plan is refocusing development and regulations to look at the immediate environment as an investment for the future and how we define the importance of community. This includes the co-existence of the built environment in the natural setting and how the residences and other structures can benefit the desert ecosystem in a positive fashion.

The community development process will facilitate the implementation of "life-long learning" through educational opportunities for the residents. Of special interest will be the creation of opportunities for a healthy lifestyle that promote exercise, education and greater participation in the healthcare process. Also utilizing technology by providing to builders in the community advanced high-speed telecommunication solutions.

The first phase of residential development is estimated to start in the last quarter of 2003.

[Click here for a map.](#) (400 Kb pdf)







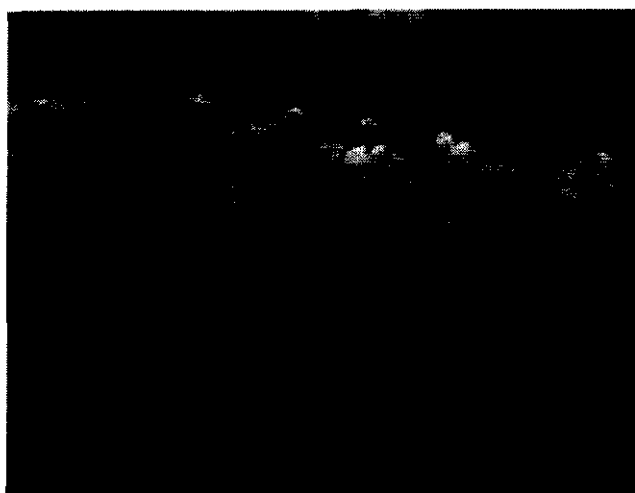
Santa Rita Golf Club

**16461 S. Houghton Rd.
Corona de Tucson, AZ**

■ 25 miles from the Inn at San Ignacio

Up above Tucson in the foothills of the Santa Rita Mountains is a championship golf course that has Bermuda fairways (overseeded in winter) and bent-grass greens. In addition to the par 72/73 course, two putting greens and a driving range are available at the Santa Rita Golf Club.

Known for its tough par-3s, the course gives an extra stroke to the ladies on one of them. Visit for the fun, the challenge, and for the beautiful views of the Tucson Valley and the mountains.



Rating/Slope

**Blue 70.2/125
White 68.6/122**

